

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

**Web address:** <http://water.usgs.gov/orh/nrwww/odrm>

Summary river data for April 25 - May 1, 2005 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river						Diversions to New York City water supply			
	Pepacton		Cannonsville		Neversink		Pepacton	Cannonsville	Neversink	Average
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 25	23	150	30	758	16	0	445	0	0	478
26	23	258	29	767	16	106	450	0	0	478
27	23	464	30	804	16	326	451	0	248	479
28	23	549	30	918	16	189	450	0	273	480
29	23	480	30	921	16	101	445	0	273	480
30	23	340	30	874	16	71	450	0	271	481
May 1	23	270	29	833	16	55	450	0	272	482

Pepacton Reservoir (P):

Available storage May 2, 2005 (0800)

140,727 billion gals. 100.4 % (elev. 1,280.29 ft.)

Spillway crest elevation 1,280.00 ft.

140,190 billion gallons.

Cannonsville Reservoir (C):

Available storage May 2, 2005 (0800)

97,991 billion gals. 102.4 % (elev. 1,151.42 ft.)

Spillway crest elevation 1,150.00 ft.

95,706 billion gallons.

Neversink Reservoir (N):

Available storage May 2, 2005 (0800)

34,981 billion gals. 100.1% (elev. 1,440.08 ft.)

Spillway crest elevation 1,440.00 ft.

34,941 billion gallons.

Combined contents, PCN:

Available storage May 2, 2005 (0800)

273,699 billion gals. 101.1 %

Combined capacity at spillway level.

270,837 billion gallons.

Lake Wallenpaupack:

Available storage May 1, 2005 (2400)

26,132 billion gals. 73.7 % (elev. 1,185.0 ft.)

Spillway crest elevation 1,190.00 ft.

35,451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Apr. 25	0	108	45	65	4	154	11,424	11,800	.01	4.69
26	0	84	45	25	857	121	8,838	9,970	0	4.69
27	0	36	46	25	887	121	8,045	9,160	.25	4.94
28	0	36	45	25	613	103	10,078	10,900	.28	5.22
29	0	36	46	25	458	241	9,594	10,400	.02	5.24
30	0	36	46	25	234	241	8,178	8,760	.02	5.26
May 1	0	36	46	25	0	241	7,932	8,280	.18	.18

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spills from Pepacton, Cannonsville, and Neversink Reservoirs.

Diversions by New Jersey through the Delaware and Raritan Canal April 25 - May 1, 2005 averaged 78.3 mgd. The average diversion for the 30-day period ending May 1, 2005 was 71.5 mgd and the maximum diversion during the period was 88 mg on April 30, 2005.